# Table of Contents

HOW IT WORKS

a. The telematics black box collects GPS data and ECM data from the vehicle and transmits that data via wired/Bluetooth to the POV application on the mobile device
b. Data is shared from the telematics black box and from POV to the Pedigree Technologies OneView platform, the web-based counterpart for office employees
c. MDT/Tablet can be removed from cab during roadside inspection for review of log books and vehicle inspection
d. Driver and office staff receive HOS notifications, violation alarms, detailed reports and dashboard view of fleet/drivers

PORTRAIT VIEW VS. LANDSCAPE VIEW

The orientation of the POV app on your tablet can be shown in either portrait or landscape view, depending on how you are holding the device. Throughout this booklet, all images will be shown in the landscape view.
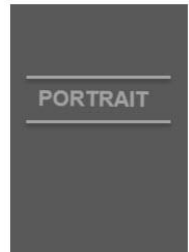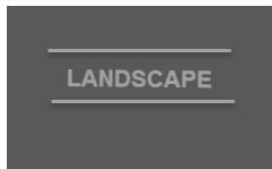
HOME SCREEN
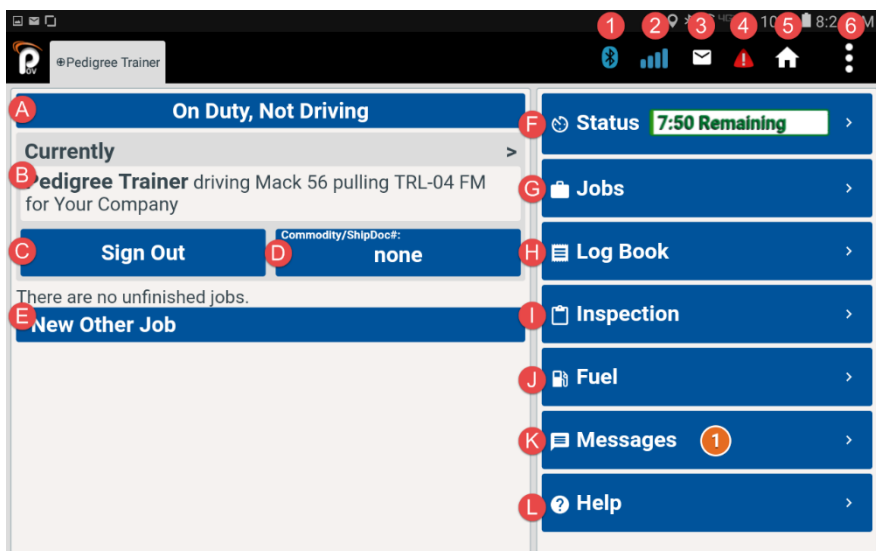
A. **Status Bar:** Tap on this button to change a Duty Status or see hours remaining details.
B. **Currently:** Name of Driver, Truck, Trailer, and Carrier. Tap to edit.
C. **Sign Out:** Sign out of POV by tapping on "Sign Out" and then within the pop-up, selecting "Sign out only", "Certify, Then Sign Out" or "Go Off Duty, Certify, Then Sign Out."
D. **Shipping Document Number:** Tap here to enter a Shipping Document Number/Bill of Lading.
E. **Jobs Queue:** Displays current jobs or tap New Other Job to self-dispatch
F. **Status:** Displays how many hours remaining. Tap to edit status options.
G. **Jobs:** Click to see list of job in queue
H. **Log Book:** Tap here to get to the driver Log Book.
I. **Inspections:** Click on this button to do pre-trip and post-trip inspections.
J. **Fuel:** Track fuel purchases in POV using this button.
K. **Messages:** Tap on the Messages button to send and receive messages between OneView and POV.
L. **Help:** Access interactive tutorials to learn how to use POV.
1. **Bluetooth:** Shows Bluetooth connection established.
2. **Network Connectivity:** Shows data connection status and records sync
3. **Message:** You have unread messages.
4. **Notification Icon:** settings, functionality and ELD malfunction notifications
5. **Home:** Tap to go directly to your home screen.
6. **3 Dots Menu:** Help, Shutdown, add a team driver, Enforcement View, tech support phone number or email logs.
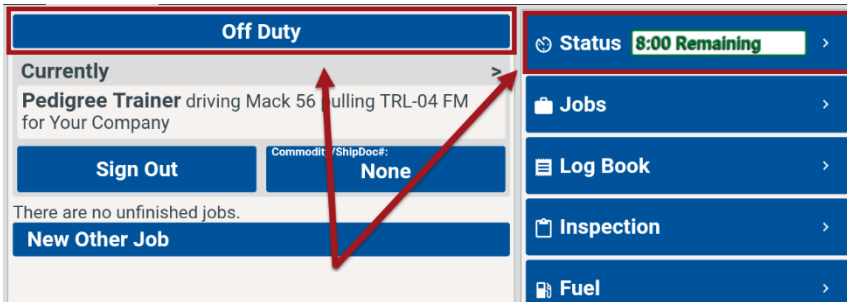
START OF THE DAY

LOGIN

1. Enter your Username and Password.

NOTE: Select Remember Me for your device to remember your username. You must always enter your password.

2. Select **Carrier**
3. Select the **Tractor** you will be driving
4. Select the **Trailer** you will be pulling, if necessary
5. Select Duty **Status**, sign in as "Off Duty" (This will ensure you are not logging in when you do not have hours available)

NOTE: Once you see the screen below, and have selected all the items from steps 1-5, you are completely logged into POV.

6. You'll see a warning message to certify your log if you have uncertified days.
7. Manually switch yourself to "On Duty, Not Driving". You can do this by selecting the Status Tab in the upper right corner or by clicking on your current status in the upper left corner.
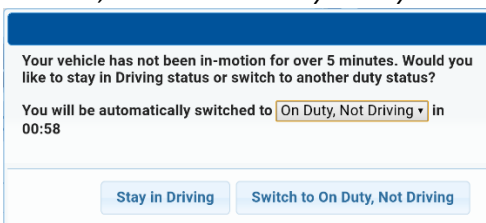

NOTE: Please see page 8 if you need help with how to change statuses.

AUTOMATIC STATUS CHANGE

*** When properly connected to the vehicle, POV will change your status to "Driving" when the vehicle reaches 5mph. When the vehicle has stopped moving, after 5 minutes a prompt will ask if you want to move to a different status. If there is no response after 1 minute, it will automatically move you to "On Duty, Not Driving" ***

CHECK CONNECTIONS

 or Be aware of any failed connection notifications in the upper right-hand corner of the tablet which indicate that your tablet and your vehicle do not have an established connection.

Please check for the following:

Bluetooth Connected Device	MDT (Wired) Device
Check if Bluetooth is enabled	Check if device is secure in cradle
Check if the correct tractor is selected	Check if the correct tractor is selected
Check if the vehicle ignition is on	Check if the vehicle ignition is on

NOTE: For more information, please continue to the Bluetooth/Established Connection section near the end of this book.

INSPECTION

1. Tap on Inspection from the home screen.

2. Next, select the Last Inspection button

3. Review the Last Inspection for defects. If there are any defects ensure all have been fixed or will not affect safe operation of the vehicle. Then, choose one of the following: "Above defects need not be corrected for safe operation of vehicle" or "Above defects corrected".

NOTE: Do not drive the vehicle if defects which lead to unsafe operation of the vehicle have not been fixed first.
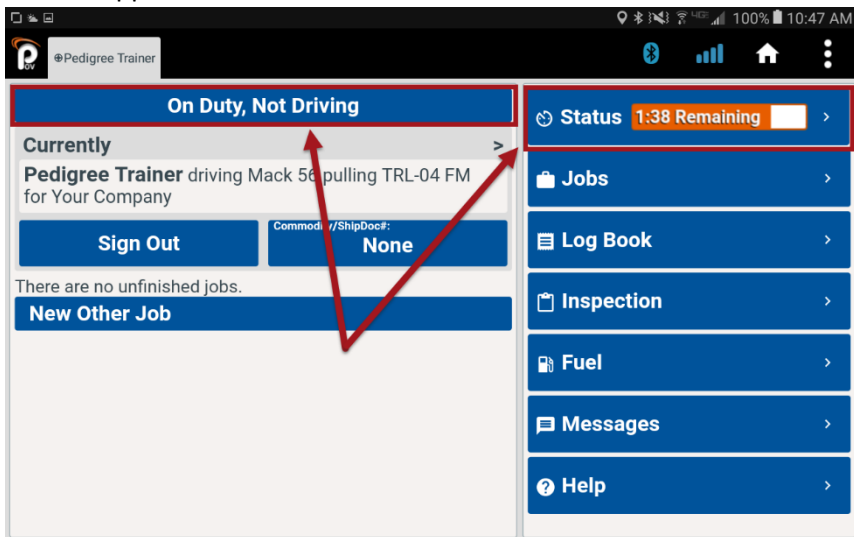

4. Tap on **Sign & Submit...**

NOTE: Once Sign & Submit is selected, it can take a few moments for it to send the information.

END OF THE DAY
STATUS CHANGE
1. Start by manually switching yourself to "On Duty, Not Driving" (if it hasn't already automatically been changed). You can do this by selecting the Status Tab in the upper right corner or by clicking on your current status in the upper left corner.

INSPECTION

1. Tap on **Inspection** >

2. Select **Inspect Vehicle** >

3. Go through each item within the inspection marking as Pass or Defect, and if there is a defect be sure to include very detailed notes. *(notes can be added to passed items also)*
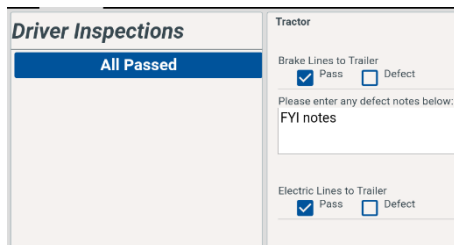
4. Then, tap **Sign & Submit...**

NOTE: *Once Sign & Submit is selected, it can take a few moments for it to send the information.*
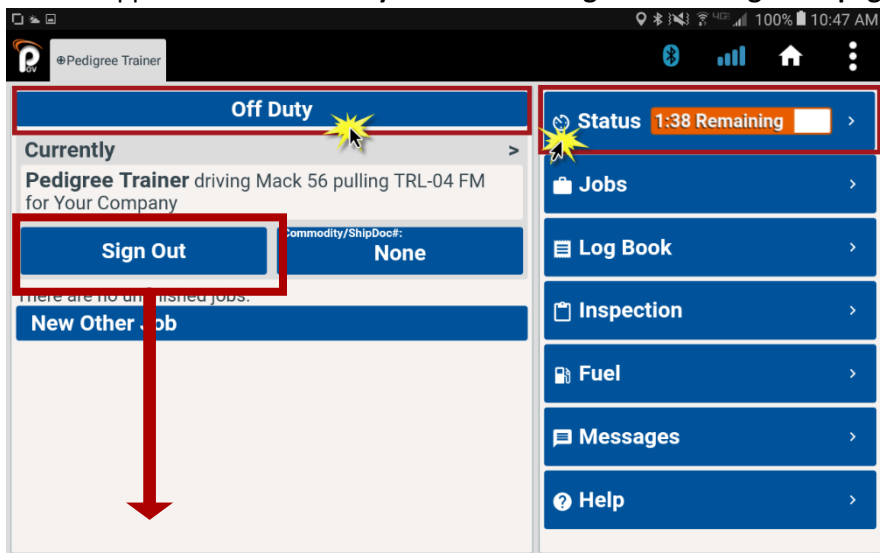
LOGGING OFF

At the end of your shift you will change your status to either off duty or sleeper berth and then sign out of POV.

1. Manually switch yourself to "Off Duty" or "Sleeper Berth" by selecting the Status Tab in the upper right corner or by clicking on your current status in the upper left corner. **Verify the status changed on the Log Book page.**

2. Sign out from the home screen by tapping on the Sign Out button where you have three options:

Sign Out Only – will sign you out of POV in your current status. *Use this option when you're tracking non-driving hours and/or on a shared tablet or switching trucks in the middle of a shift.*


Certify, Then Sign Out – will take you to your log book where you can certify your log, then sign out in your current status, *like Sleeper Berth*.

Go Off Duty, Certify, Then Sign Out – will put your status into Off Duty, take you to your log book page where you can certify the day's log, then sign out.

STATUS CHANGE

1. Click on your current Duty Status in the upper left corner or select "Status" in the upper right corner to change your Duty Status.
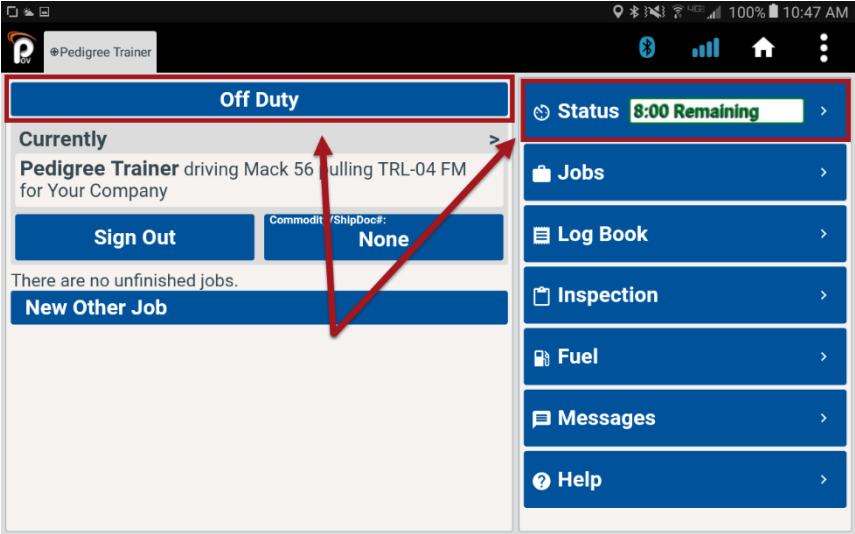
NOTE: If you select 'Status' in the upper right corner of POV you will need to select the 'Status' button again on the next page to change your current Duty Status.

2. Tap on the appropriate Duty Status. The following options are available dependent upon your particular driving rules:
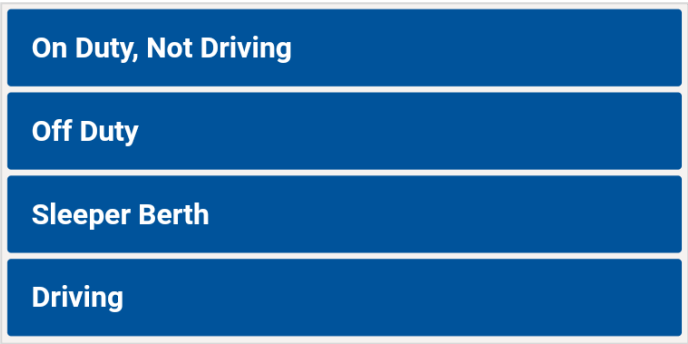
SPECIAL DRIVING STATUS

These options depend on the carrier setup. You may or may not see them on your tablet.

Yard Move** allows your truck to move without using your drive time hours and only counting against your On Duty, Not Driving time.

1. Tap "On Duty, Not Driving"
2. Tap the check box for Yard Move (uncheck to resume normal function)
3. Enter a reason and tap OK

On Duty, Not Driving	☐ Yard Move

On Duty, Not Driving	☑ Yard Move

Personal Use of CMV** allows your truck to move without using On Duty or Driving hours. A driver can record periods when using a vehicle for authorized personal use. This may include the time traveling between a driver's home and terminal (or normal work reporting location), and traveling short distances (from terminals or motels) to restaurants. These periods of personal use may be considered off-duty time.

1. Personal Use of CMV – Tap "Off Duty"
2. Tap the check box for Personal Use of CMV (uncheck to resume normal function)
3. Enter a reason and click OK

Off Duty	☐ Personal Use of CMV

Off Duty	☑ Personal Use of CMV

When driving in a special status**, the tablet will not automatically change to any other status.** You will have to manually change out of a special status to resume normal function of POV.

Off Duty (Personal Use of CMV)
Currently >
Pedigree Trainer driving Mack 56 pulling 456-otr
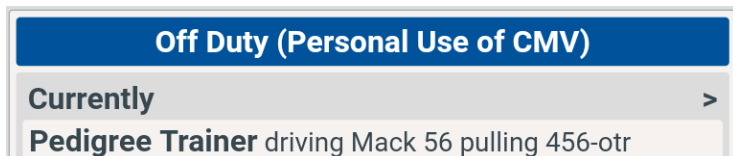
**For questions about using Yard Move or Personal Use of CMV and staying in compliance with FMCSA rules and regulations, contact your company's DOT compliance personnel.

HOURS REMAINING

NOTE: The Status section in the upper right corner of the main screen, will always display the amount of driving hours the driver has remaining to stay compliant.

When the Status tab is clicked, all of the remaining hours will display. It will show how many remaining hours left for the day in your Driving limit and On-Duty limit, as well as time remaining for the period.

The time next to each limit shows approximately when you will reach that limit.

Limits will turn orange within 30% of completion and red within 10% of completion. They will stay red with 0 time left.

Consecutive off duty hours will show you how long you've been off duty. This helps with keeping track of your required reset time(s).

If you try to change to On Duty, Not Driving within 5 minutes of completing your 30 minute break or within 30 minutes of completing a daily or period reset, you will see this warning message allowing you to stay off duty or come on duty anyway.

TEAM DRIVING

1. Driver log in as usual.
2. Driver select the 3 dots menu
3. Select **Add Team Driver**
4. **Team Driver** will log in with username and password then select OK
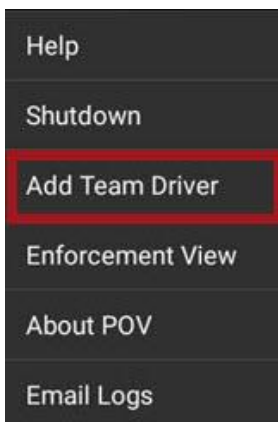
5. The team driver will select a non-driving status upon login.

6. You will see team name tabs across the top. The driver will have a steering wheel icon next to their name. Up to 3 other team drivers can be added.

7. A team driver can become the driver by tapping on the Make Me Driver button on their home screen.
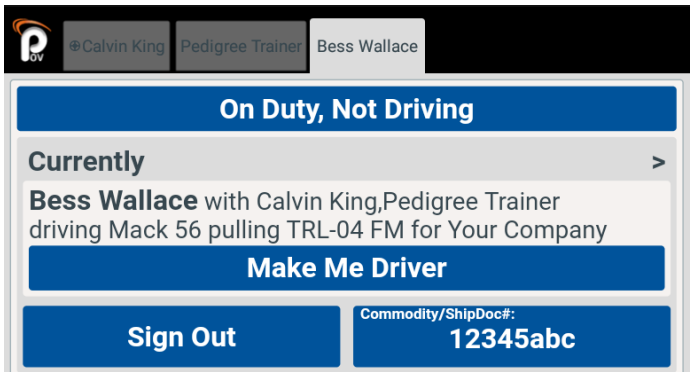

8. To switch between team members, tap on your name tab.
9. Enter your password and tap Unlock. Now you will see your driving account.
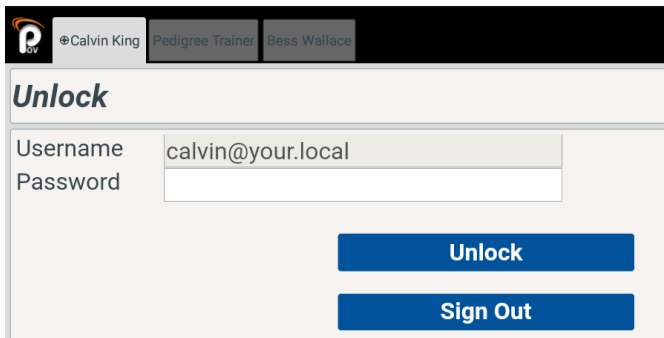
NOTE Use the Sign Out button to remove a team driver from this team driving occurrence. It does not sign you out as off duty or certify logs. Go through the normal sign out process at the end of your shift.

LOG BOOKS

1. Select the Log Book option from the Right side of the screen.
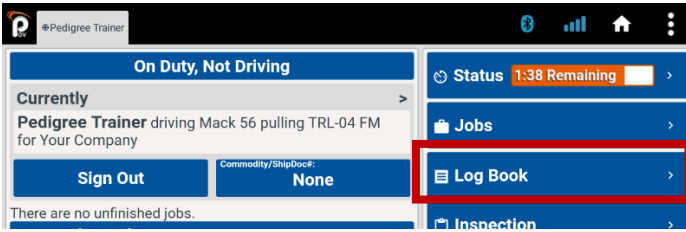
2. The Log Book will pop up and show the current day's logs.
3. Open the accordion menu to view log details.
4. If a previous day's log also needs to be reviewed, orange arrows in the upper right corner by the date indicate which way to scroll to an uncertified log. Past uncertified days include an orange certify button.
5. Scroll down to reveal a detail table below the log graph.
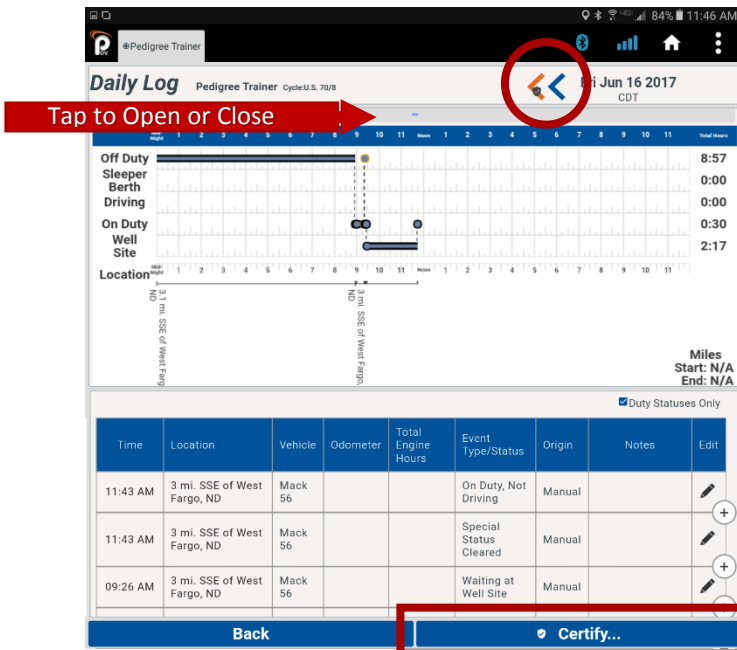
Sign and Submit your logbook by clicking on the "Certify" button in the lower right corner of the log graph, verifying all information in your logs are correct for that day. The Log is signed once your name, date and time appears in the bottom right corner.

EDIT LOG BOOK

To edit a record:

1. Tap on any status dot ⊙━━━ to bring up the edit menu *OR*
2. Tap on any line or edit pencil in the table below the graph to edit

| Wednesday, June 07, 10:05 AM	
Status Off Duty	>
Time 10:05 AM (CDT)	
Location 3.1 mi. SSE of West Fargo, ND	
Odometer None	>
Accumulated Miles None	>
Total Engine Hours None	>
Elapsed Engine Hours None	>
Shipping Document Number None	>
Carrier Your Company	>
Team Driver(s) None	>
Tractor Mack 56	>
Trailer(s) TRL-04 FM	>
Notes None	>
Split...	

3. Edit a record by tapping on the menu item that needs to be adjusted. (Only items with an arrow icon can be edited.)

4. After editing any item, you will be prompted to make a note before you can save the edit.

Time *cannot* be updated in this way. If you need to insert a record at a different time, use the split button at the bottom of this menu or the (+) symbol in the log table below the graph to insert a new record at that time.

To insert a new or missing record:

1. Tap on **Split** from the edit menu or **(+)** on the log table.
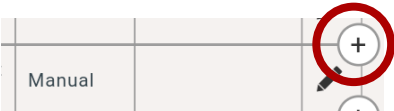
2. Enter the new time for the inserted record
3. Enter the new status and tap OK.

4. Enter a note for this record.

SUGGESTED EDITS

The motor carrier may suggest edits to a driver's records of duty status to ensure accuracy. A driver must approve or reject any suggested edits in order for any motor carrier-suggested changes to take effect. If an HOS manager suggests an edit for your logbook, there will be an edit icon on your logbook tab and next to the date on your logbook page.

1. Tap on the **Suggested Edit** icon on your log book page.

2. Check or uncheck each suggested edit to view how they affect your log, hours of service, and/or violations. *(See different view options below)*

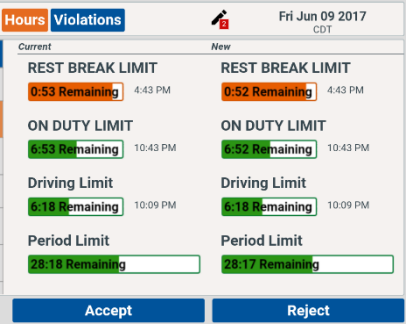3. **Accept** or **Reject** Edits
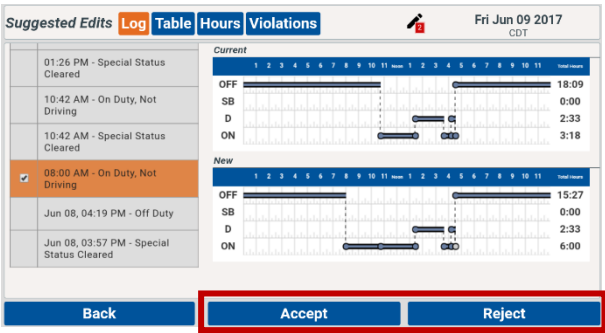
Log View to see your *Current* log graph compared to a *New* graph showing the suggested edits.
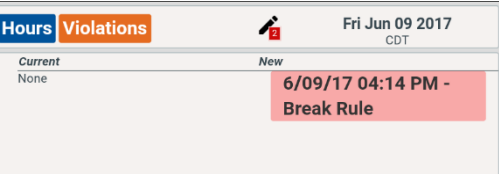
Table View – see original (crossed out) and suggested edits in the table view.

Hours View – See *Current* hours and *New* hours after the suggested edits.

Violations View – see *Current* Hours of Service violations and *New* violations that would exist after the suggested edits.

UNIDENTIFIED RECORDS

The ELD must track operation of a CMV in an "Unidentified Driver" account if no driver has logged into the ELD. A driver must review any unidentified records present on the ELD and accept records that belong to them. Records that do not belong to the driver will remain on the ELD and sync back to OneView where the motor carrier must ensure that the unidentified records are assigned to the appropriate driver.

Drivers can assume records that belong to them and ignore records that do not.

1. Tap on the Unidentified Records icon from the top of your logbook page.
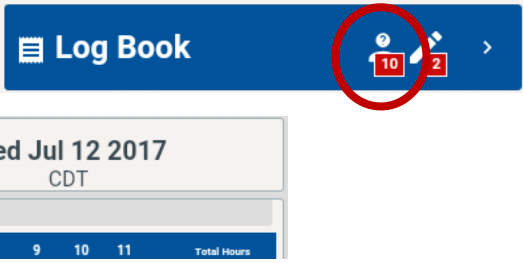
2. The process will work just like Suggested Edits to accept or reject Unidentified Records. *(See page 15.)*

ENFORCEMENT VIEW

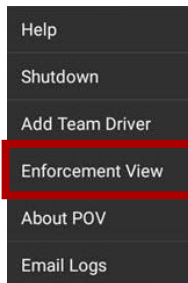When stopped by a DOT official, using Enforcement view allows the officer the scroll through your log book and see your last inspection and unidentified records.

Help	
Shutdown	
Add Team Driver	
Enforcement View	
About POV	
Email Logs	

1. To access **Enforcement View**, tap on the 3 dots button and then Enforcement View. The officer can scroll through each day on the tablet and scroll down below the graph to look at the driver's log table. Use the buttons at the top to view Driver Inspections, Unidentified Records or exit.
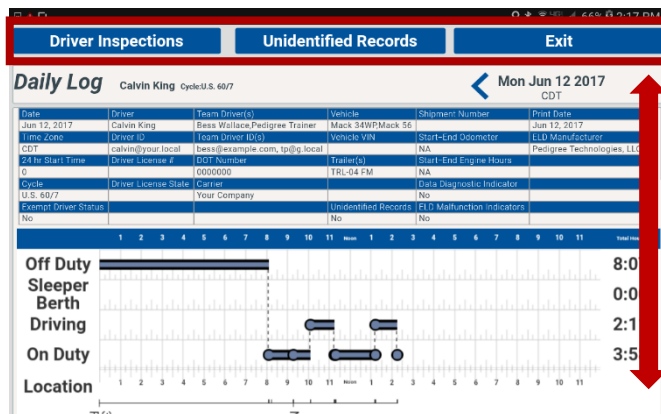
2. In **Driver Inspections**, you will see the driver's last inspection results.
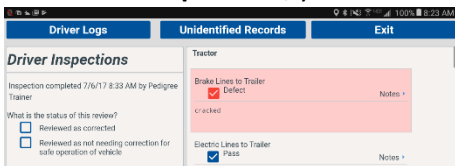
3. Tap **Unidentified Records** to view any unidentified records on this tablet.
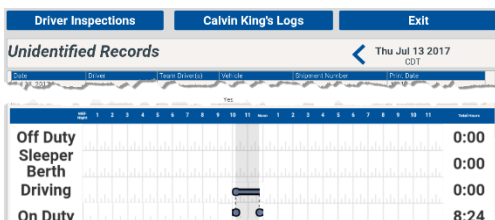
4. Tap the **Driver's Logs** to go back to the Log Book view.
5. Use the **exit** button to return to normal use of POV.
6. Enter your password to unlock from Enforcement View.

FUEL RECIEPTS

1. From your home screen, select **🅂 Fuel** ›
2. Then tap on **New Record**
3. Fill out the following fields:

A. **Tractor/Trailer**: Shows the current tractor. Can be changed if this fuel was purchased for a different tractor or trailer.
B. **Invoice Number:** Place the receipt number in this field. (optional)
C. **Date**: Select the date and time the fuel was purchased. Tap in this section and it allows you to change the date and time.
D. **Seller**: Tap to enter the name and location where fuel was purchased. If the seller's name does not appear, drivers can tap on the blue pin at the
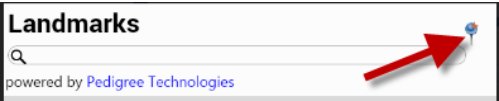
top right and it will allow you to type in the location information.

E. **Gallons Purchased**: Number of gallons purchased
F. **Fuel Type**: The type of fuel purchased.
G. **Total Sale Amount**: The total sale price of the fuel.
H. **Purchaser**: Name of the driver who made the fuel purchase. (should be automatically filled out)
I. **Receipt**: Tap on Scan Receipt and the tablet's camera will activate. This allows you to take a picture and attach to this fuel record. (optional)
J. **Tractor**: Shows the current tractor. Can be changed if this fuel was purchased for a different tractor.

BLUETOOTH/ESTABLISHED CONNECTION

If your vehicle has an established connection to your vehicle via Bluetooth, you'll see the blue Bluetooth icon.

If you're Bluetooth is not connected or loses connection, the icon will look gray with a red slash through it.

MDT devices will not have the Bluetooth symbol, they will have a cable icon that will be blue when the device is secure in the cradle and the vehicle ignition is on.

When the MDT device is out of the cradle or when the vehicle ignition is off, the cable icon will be gray with a red slash.

NETWORK CONNECTIVITY

The network connectivity icon will show at a glance if you have a data connection. If it is completely blue, you have connection.

If you have no data service, the network connectivity icon will have a red slash through it and include the number of ELD records waiting to sync as soon as you have a data connection.

MESSAGES

The message icon will appear when you have unread messages. To read your messages, tap on the messages button from your home screen.

HOMESCREEN

Tap on the Home icon to return to your home screen.
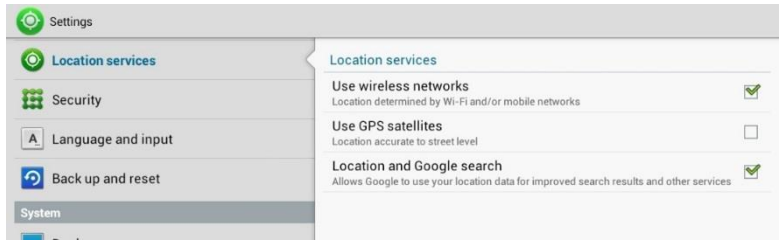
NOTIFICATION ICON

What should I do if I see this icon?

Tap to review the message on the tablet **(for definitions of ELD Malfunctions & Data Diagnostics, see page 23).**

1. **GPS** is not working on the tablet. Follow the steps below to fix:
   a. Select the **icon in the upper right corner** of the tablet.
   b. The following screen will appear and tap on "**OK**"
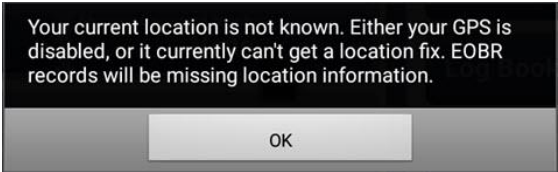
   c. Next, place a check mark in the box next to **Use GPS satellites**.

   d. Or make sure your Location Method is set to High Accuracy
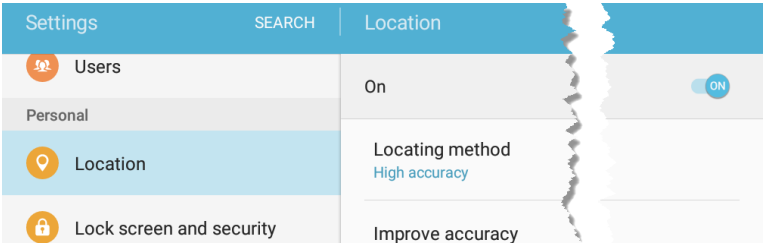
   e. To move back to the POV application, use the "Back Button"

 or

   f. If all Location Services are "On" and the notification is still present, this means the tablet is unable to make a GPS connection. This generally means the tablet does not have direct visibility to the sky. (i.e. Inside a building or even in the back seat of a truck)
   g. If issues persist, please reboot the tablet.
      i. Power Off
      ii. Power On

2. **HOS Violation**. Follow the steps below to fix:
    a. Click on the Status tab and review limits.
    b. Select the logbook tab on the right side of POV and review logs.
3. **No ECU data**. Verify the truck ECU cable is connected or the MDT device is securely locked in its cradle. If this issue persists, contact Support. *NOTE: Pedigree Support number can be found on the back cover of this book.*

ABOUT MENU

Use the 3 dots icon to access this menu for a shutdown button, add team driver, Enforcement View, Email logs, and About POV and Email Logs.

| Help |
| Shutdown |
| Add Team Driver |
| Enforcement View |
| About POV |
| Email Logs |

Help: Find interactive tutorials on all the features of ELD Chrome. These tutorials use data and it is recommended to watch them while on a WiFi connection if your device is not on an unlimited data plan.

End of Day ▶	Fuel Records ▶
Inspections ▶	Logbook ▶
Logging In ▶	Messages ▶
POV Instruction Booklet PDF	POV Menu ▶
Start of Day ▶	Status ▶
Back	

Shutdown: Emergency shutdown if circumstances require. *Not meant for logging out or closing the app.*

Add Team Driver: See Team Driver section on page 11

Enforcement View: See Enforcement View section on page 15

About POV: See the support email and telephone number and POV version

Email Log Book

Email Address:
Duration: Last 7 days and today
Include ELD Data File: ✔
File Comment:

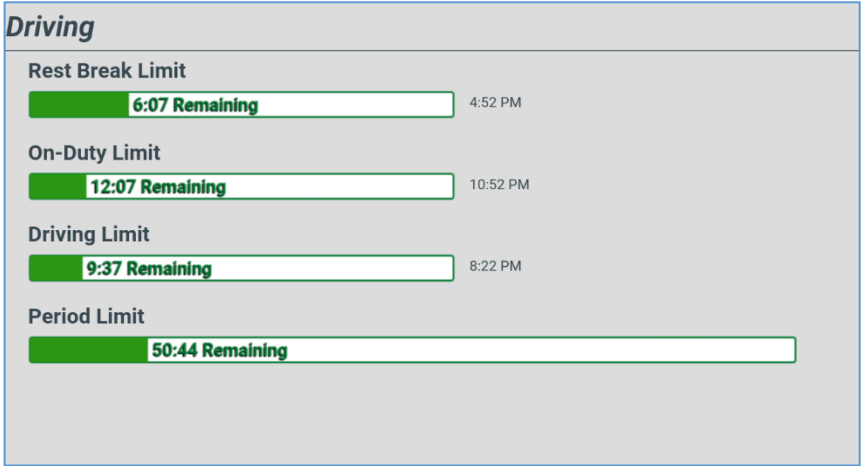Close   Send Email

Email Logs: Send your logs and ELD data file by email. Choose the duration and the recipient will receive a pdf of your logs plus the ELD data file if the box is checked. Enter a File Comment as requested by law enforcement. Tap Send Email to send.

TROUBLE SHOOTING

- **Why can't I close POV when the truck is moving?**

The tablet is designed to lock as soon as the truck starts moving. POV will be the only app that will display while the truck is moving with the exception of GPS navigation (if it was started before the truck began moving). During that time, you will not be able to close out of POV. It is the only app which should be running to ensure hours of service are being recorded. Drivers will see this screen:

Driving	
Rest Break Limit	
6:07 Remaining	4:52 PM
On-Duty Limit	
12:07 Remaining	10:52 PM
Driving Limit	
9:37 Remaining	8:22 PM
Period Limit	
50:44 Remaining	

- **What happens if I forget to switch my status to driving?**

As long as POV is properly connected to the vehicle via Bluetooth or locked in the cradle if using the wired MDT, your status will automatically switch to Driving after the vehicle reaches 5 mph.
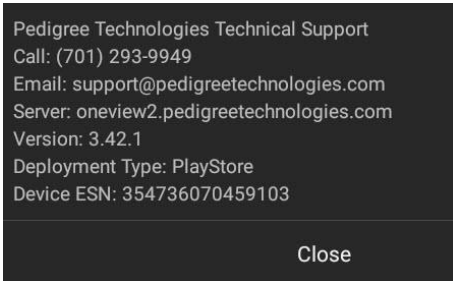
- **What happens if I stop, get out of my truck and forget to switch my status?**

If the truck is not moving for 5 minutes or more, the app will ask to switch the status to On Duty, Not Driving and will automatically make the switch after 1 minute without response. This is the only status it will automatically switch to when the vehicle stops moving. If the driver needs to be in Sleeper Berth or Off Duty these are manual status changes they will have to make.

NOTE: Please see page 8 if you need help with how to change statuses.

- **How do I check what version of POV is on my tablet?**

To check what version of POV is installed, open the app. Tap on the 3 white

dots ⋮ in the upper right corner of the screen. Select "About POV" and the screen will display the version.

Pedigree Technologies Technical Support
Call: (701) 293-9949
Email: support@pedigreetechnologies.com
Server: oneview2.pedigreetechnologies.com
Version: 3.42.1
Deployment Type: PlayStore
Device ESN: 354736070459103

Close

- **How often do I need to use my tablet?**

Drivers must interact with the tablet throughout the day, every day. This ensures statuses are recorded correctly and the vehicle is always connected.

ELD MALFUNCTIONS

In case of an ELD malfunction, a driver must do the following:

(1) Note the malfunction of the ELD and provide written notice of the malfunction to the motor carrier within 24 hours;

(2) If the ELD records are not retrievable from the ELD, reconstruct the record of duty status for the current 24-hour period and the previous 7 consecutive days.

(3) Manually prepare a record of duty status until the ELD is serviced and no longer malfunctioning.

ELD MALFUNCTION CLEARING

ELD Malfunctions will clear automatically when the parameters that caused the malfunction no longer exist, however the Positioning Compliance Malfunction, Power Compliance Malfunction, and Engine Synchronization Malfunction can be cleared manually by the driver by tapping the clear button. Driver will be prompted to enter reason for clear (what they did to fix it?) *(See image at the end of this section.)*

ELD MALFUNCTION LIGHTS

Note: CabMate Open uses a circular malfunction light; CabMate Connect uses a light built into the cradle dock.

> **Flashing Red:** Tablet not in dock (CabMate Connect Only)
> **Flashing Green:** Not connected or not logged into ELD
> **Solid Red:** ELD Malfunction Active
> **Solid Green:** ELD Data Diagnostic Active

MALFUNCTION AND DATA DIAGNOSTIC EVENTS DEFINITIONS

Power Data Diagnostic: The ELD was not able to power up within one minute of engine power up. Check the device connections are not loose. If this issue persists, contact your administrator.

Power Compliance Malfunction: The ELD was not functional for more than 30 minutes over the last 24 hours. Check the device connections are not loose. If this issue persists, contact your administrator.

Engine Synchronization Data Diagnostic: The ELD is not receiving data from the engine. Check that the Bluetooth is connected (or if using CabMate Connect check that the tablet is in its cradle) and the diagnostic cable is connected to the vehicle. If this issue persists, contact your administrator.

Engine Synchronization Compliance Malfunction: The ELD did not receive data from the engine for more than 30 minutes over the last 24 hours. Check that the Bluetooth is connected (or if using CabMate Connect check that the tablet is in its cradle) and that the diagnostic cable is connected to the vehicle. If this issue persists, contact your administrator.

Other Data Diagnostic (for Positioning Compliance): The ELD is not receiving GPS location. Check that the GPS is ON in this device, the vehicle antenna is not damaged and connections are tight. If this issue persists, contact your administrator.

Positioning Compliance Malfunction: The ELD did not receive GPS location for more than 60 minutes over the last 24 hours. Check that the GPS is ON in this device, the vehicle antenna is not damaged and connections are tight. If this issue persists, contact your administrator.

Timing Compliance Malfunction: The ELD time is off by more than 10 minutes. If this issue persists, contact your administrator.

Missing Required Data Elements Data Diagnostic: The ELD is missing required data for creating ELD records. Check Engine Synchronization and Positioning Compliance. If this issue persists, contact your administrator.

Data Recording Compliance Malfunction: The ELD has reached its storage capacity and can no longer record ELD records. Reduce the data stored on the ELD or replace the ELD. If this issue persists, contact your administrator.

Unidentified Driving Records Data Diagnostic: The ELD has recorded more than 30 minutes' worth of unidentified driving records in the last 24 hours. Ensure that drivers are logged into the ELD while the vehicle is in motion and accept any unidentified records that may belong to you. If this issue persists, contact your administrator.

Data Transfer Compliance Malfunction: The ELD test of data transfer to the FMCSA via web services and email has failed for an extended period of time. Ensure that the ELD data connection is working. If this issue persists, contact your administrator.

Data Transfer Data Diagnostic: The ELD test of data transfer to the FMCSA via web services and email has failed. Ensure that the ELD data connection is working. If this issue persists, contact your administrator.

Malfunctions:

Diagnostic Events